

*IN THE UNITED STATES PATENT AND TRADEMARK OFFICE*

Applicant: Tomoaki KABE et al.

Title: METHOD AND APPARATUS FOR ESTIMATING ENGINE  
TORQUE

Appl. No.: Unassigned

Filing Date: September 16, 2003

Examiner: Unknown

Art Unit: Unknown

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Tomoaki KABE  
Masahiro HAMANO  
Katsutoshi USUKI  
Tetsuya FUJIOKA

Enclosed are:

- [ X ] Specification, Claim(s), and Abstract (19 pages).
- [ X ] Formal drawings (3 sheets, Figures 1-4).
- [ X ] Information Disclosure Statement.
- [ X ] Form PTO/SB/08 with copy of 1 listed reference(s).
- [ X ] Application Data Sheet (37 CFR 1.76).
- [ X ] Claim for Convention Priority with 1 certified Japanese priority document.

The filing fee is calculated below:

	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals
Basic Fee				\$750.00	\$750.00
Total	13	- 20	= 0	x \$18.00	= \$0.00
Claims:					
Independ	3	- 3	= 0	x \$84.00	= \$0.00
ents:					
If any Multiple Dependent Claim(s) present:				+ \$280.00	= \$0.00
Surcharge under 37 CFR 1.16(e) for late filing				+ \$130.00	= \$130.00
of Executed Declaration and late payment of filing fee					
				SUBTOTAL:	= \$880.00
[ ] Small Entity Fees Apply (subtract ½ of above):					= \$0.00
				TOTAL FILING FEE:	= \$880.00

- [ ] A check in the amount of \$0.00 to cover the filing fee is enclosed.
- [ X ] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.
- [ ] The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

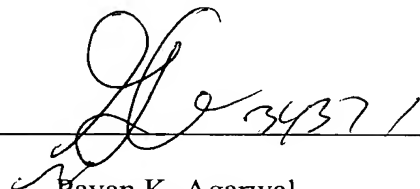
Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date September 16, 2003

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By

  
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